Biological Wastes **30** (1989) 321–323

CONTENTS OF VOLUME 30

Number 1

SCP from Orange Peel by Fermentation with Fungi—Acid-Treated Peel . . 1
C. VACCARINO, R. LO CURTO, M. M. TRIPODO, R. PATANÉ, G. LAGANÁ & A. RAGNO (Italy)

Investigation on Some Factors Affecting Larval Growth in a Coffee-Pulp Bed . 11
GERARDO LARDÉ (El Salvador)

Influence of Several Parameters on the Growth of *Candida ingens* in Controlled Batch Culture Using Volatile Fatty Acids as Substrates 21
C. M. ANCIAUX, M. DE MEYER, J. M. LEVERT & M. VANTHOURNHOUT (Belgium)

Effects of Avilamycin in Swine and Poultry Wastes on Methane Production in Anaerobic Digesters 35
A. L. SUTTON, J. C. NYE, J. A. PATTERSON, D. T. KELLY & E. J. FURUMOTO-ELKIN (USA)

Utilization of Forest and Mill Residues as Industrial Fuel 47
JOSEPH ADEOLA FUWAPE (Nigeria)

Effect of High Sulfite Contents on Anaerobic Digestion of Raisin-Finishing Wastewater 53
N. ATHANASSOPOULOS, J. KOUINIS, A. PAPADIMITRIOU & A. A. KOUTINAS (Greece)

Influence of Soyabean and Squilla Meal-Based Diets Enriched with Sardine Oil on the Growth and Organoleptic Quality of Common Carp, *Cyprinus carpio* (Linn.) 61
M. C. NANDEESHA, M. BASAVARAJA, P. KESHAVANATH, T. J. VARGHESE, H. P. C. SHETTY & G. K. SRIKANTH (India)

Short Communications

Metallic Constituents in Paddy Husk 71
D. BANERJEE & G. S. PANDEY (India)

Biogas Production Potential of *Euphorbia tirucalli* L. along with Cattle Manure 75
P. RAJASEKARAN, K. R. SWAMINATHAN & M. JAYAPRAGASAM (India)

Announcement 79

Biological Wastes (**30**) (1989)—© 1989 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Number 2

Scanning Electron Microscope Investigation of Activated Sludge and Activated Carbon from a Wastewater Purification Process 81
OLGA PETROVIĆ, MIROSLAV GANTAR & MILOŠ BOKOROV (Yugoslavia)

Microbiological Characterization of Four Composted Urban Refuses . . 89
M. DIAZ-RAVIÑA, M. J. ACEA & T. CARBALLAS (Spain)

Bioconversion of Nitrogen Supplemented Wheat Pollard and Bran by Filamentous Fungi 101
LESLEY RHODES & ANDREW BRODERICK (New Zealand)

The Effect of Autoxidation on the Methanogenic Toxicity and Anaerobic Biodegradability of Pyrogallol 111
J. A. FIELD, S. KORTEKAAS & G. LETTINGA (The Netherlands)

Pressure Losses During Ventilation of Manure 123
C. SAINT-JOLY, A. PEYRE, J. L. BOCHU & O. N'DAO (France)

Struvite Deposits in Pipes and Aerators 133
MOHAJIT, K. K. BHATTARAI, E. PAUL TAIGANIDES & B. C. YAP (Singapore)

Short Communications

Effect of Variation in Size of Containers on Yield of *Pleurotus sajor-caju* . . 149
RAGINI BISARIA, MIRA MADAN, PADMA VASUDEVAN & V. S. BISARIA (India)

Assessment of Size Reduction as a Preliminary Step in the Production of Ethanol from Lignocellulosic Wastes 153
LAURA CADOCHE & GERARDO D. LÓPEZ (Argentina)

Book Review 159

Announcement 162

Number 3

Studies on Comparative Utilization of Activated Sewage Sludge, Poultry Droppings and Groundnut Cake in Cassava-Based Rations by Goats . . 163
A. O. AKINSOYINU & A. D. OLOGHOBO (Nigeria)

Food and Feed Production from Municipal Wastewater Treatment . . . 169
V. S. GOVINDAN (India)

Methane Recovery by Anaerobic Digestion of Cellulosic Materials Available in Sahel 181
A. Y. MAHAMAT (Republic of Chad), R. GOURDON, P. LEGER & P. VERMANDE (France)

A Heat-Transfer Analysis of Fixed-Dome Biogas Plants 199
V. V. N. KISHORE (India)

Temperature Profiles of Biogas Plants Operating under Hilly Conditions . . 217
ANJAN K. KALIA & SARBJIT S. KANWAR (India)

Removal of Cadmium and Copper Ions from Aqueous Solutions with Thiolated Maize (*Zea mays*) Cob Meal 225
F. E. OKIEIMEN & J. N. OKUNDAYE (Nigeria)

Start-up of Anaerobic Digestion of Tomato Processing Wastes for Methane Generation 231
R. SARADA & KRISHNA NAND (India)

Book Reviews 239

Announcements 243

Number 4

Effect of Root-Knot and Reniform Nematodes on Plant Growth and Bulk-Density of Plant Residues of Pigeonpea 245
SUHAIL ANVER & M. MASHKOOR ALAM (India)

Fungal Fermentation of a Nigerian Brewery Sludge 251
C. O. OFUYA & E. N. UKPONG (Nigeria)

A Static Scum-Breaking Net for Fixed-Dome Biogas Plants 261
P. RAMAN, V. V. RANGA RAO & V. V. N. KISHORE (India)

Forced Aeration Composting of Coniferous Bark 275
J. F. DARBYSHIRE, M. S. DAVIDSON, G. J. GASKIN & C. D. CAMPBELL (UK)

The Fermentation Characteristics of Diets Containing Acid-Treated Beech-Sawdust in an Artificial Rumen 289
D. JALC, M. C. N. JAYASURIYA & R. HAMILTON (Austria)

Fermentation of Wheat Straw Hydrolyzate to Ethanol by *Pachysolen tannophilus:* A Comparison of Batch and Continuous Culture Systems 301
HARI RAVINDER PAL KAUR (India)

Application of Rumen Microorganisms in the Anaerobic Fermentation of an Organic Fraction of Domestic Refuse 309
HUUB J. M. OP DEN CAMP, GERARD J. M. VERKLEY, HUUB J. GIJZEN & GODFRIED D. VOGELS (The Netherlands)

Short Communication

Biological Softening of Spent Cotton-Plant Stalks for the Preparation of Pulp . 317
R. H. BALASUBRAMANYA, YOJANA D. PAI, A. J. SHAIKH & V. G. KHANDEPARKAR (India)